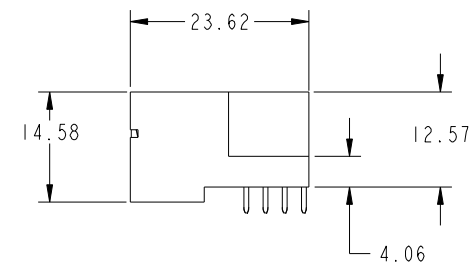
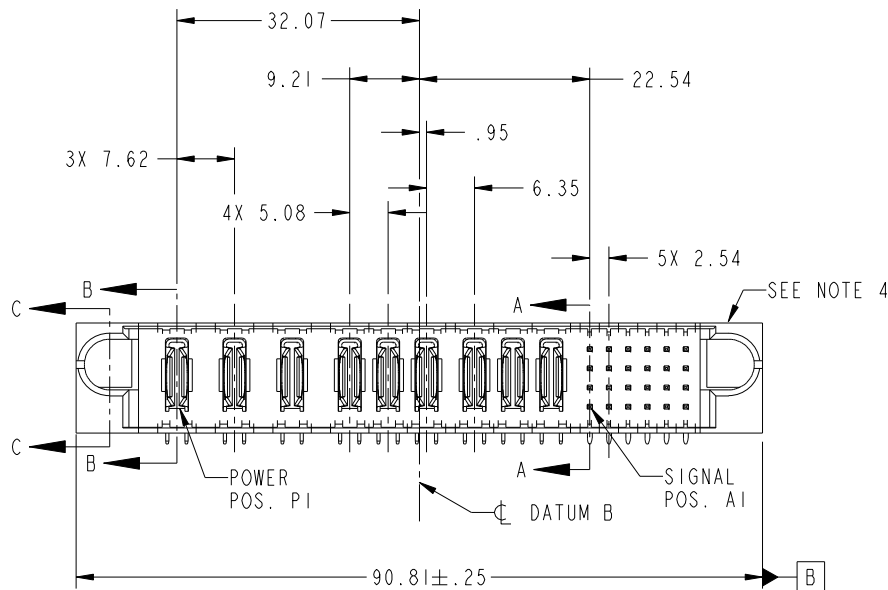




PRODUCT NO.	ROWS		POWER									SIGNAL						
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	E2
51939-140-- NOTE: 3	D C B A																	
																		
																		
																		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V04-1024	TAB	10/14/04	linear		0.X ±0.5		projection		title	
B	V04-1181	TAB	12/14/04			0.XX ±0.25				9P + 24S	
C	DG05-0164	SJ	06/29/05	angles		0.XXX ±0.10				RIGHT ANGLE SOLDER HEADER	
D	DG05-0415	GuoJM	10/25/05			0° ±2°				product family	
E	DG07-0498	JW	09/15/08							PwrBlade	
				chr	T. BRUNGARD	10/14/04		MM		code	
				appr	M. GRAY	10/14/04		scale		size	
					M. GRAY	10/14/04		1:1		dwg no	
					M. GRAY	10/14/04				A 51939-140	
sheet	revision	E	E	E	E					213	
index	sheet	1	2	3	4					sheet	
										1 of 4	

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A

B

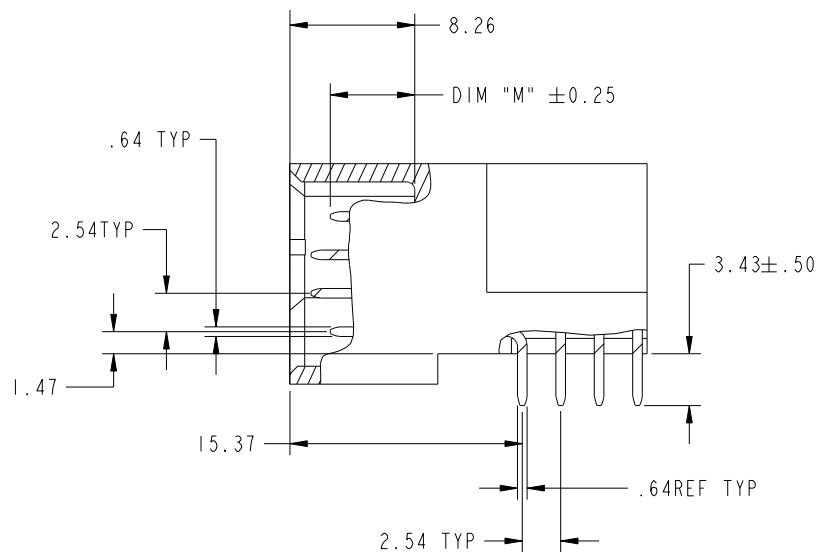
1 | 2

3

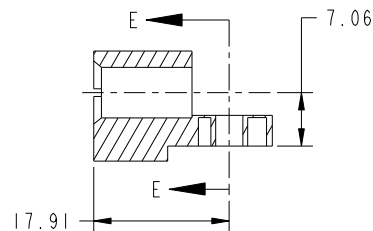
4

PRODUCT NUMBER

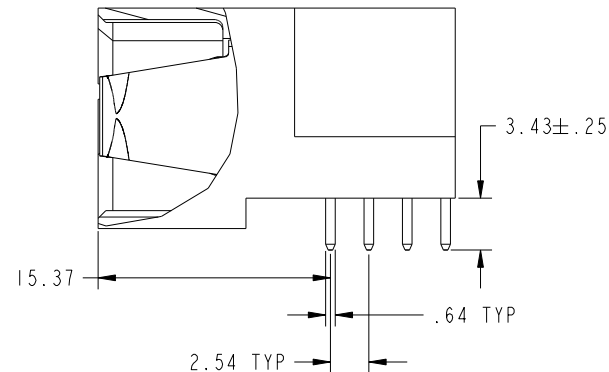
51939-140--
NOTE: 3



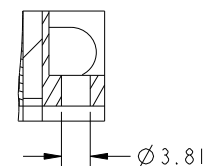
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

A

B

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecr no.	dr	date	linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	projection	COPY	title	9P + 24S RIGHT ANGLE SOLDER HEADER	www.fciconnect.com			
E													
				angles	0° ±2°	MM	scale 1:1	product family PwrBlade	code 213				
				dr	T. BRUNGARD 10/14/04								
				enrg	M. GRAY 10/14/04								
				chr	M. GRAY 10/14/04	A	51939-140	sheet 2					
				appd	M. GRAY 10/14/04								
sheet index	revision sheet												

1 | 2

Pro/E

PDM: Rev:E

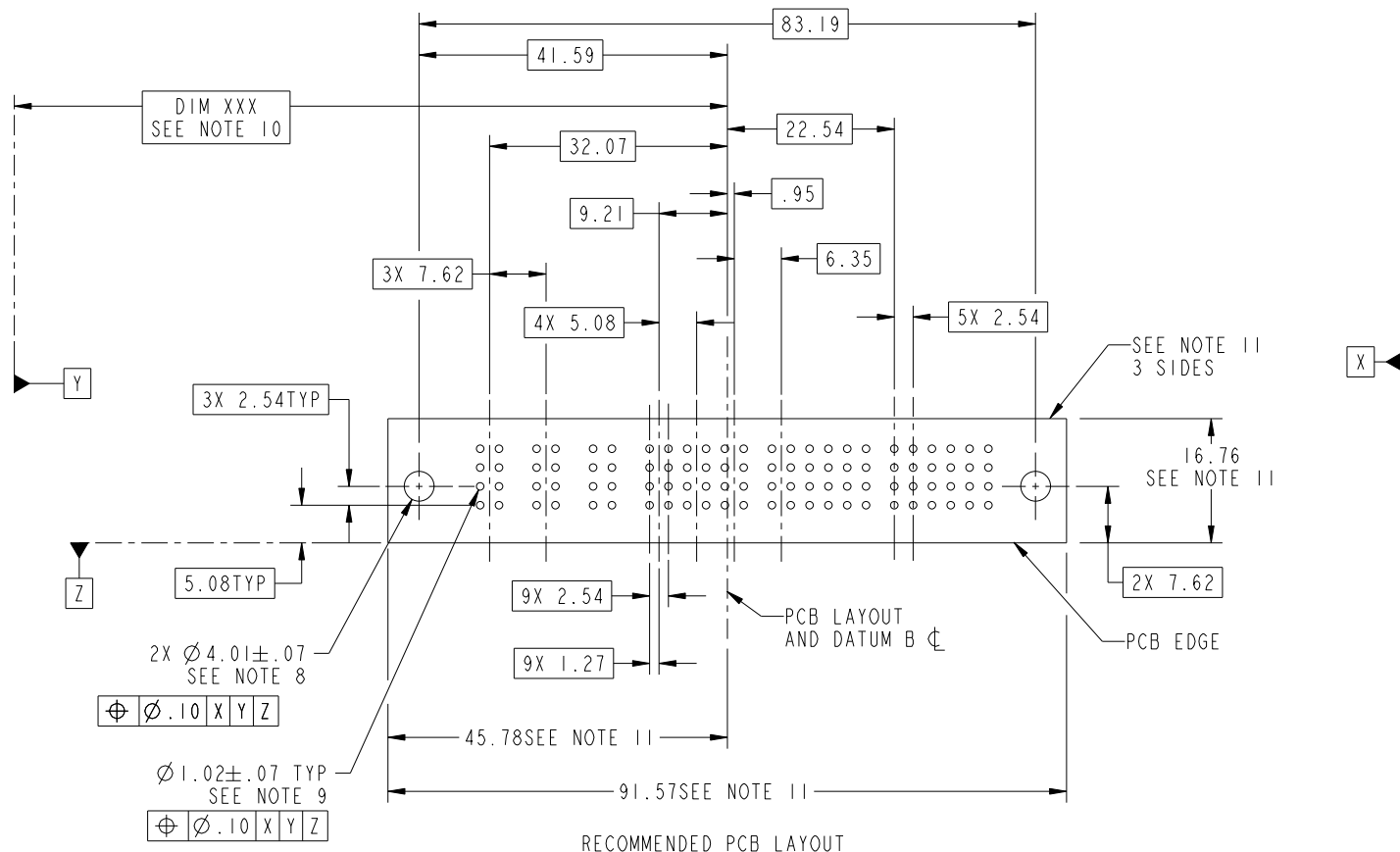
STAT: Released

Printed: Sep 26, 2008



PRODUCT NUMBER

51939-140--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		COPY									
E										projection									
								angles		$0.X \pm 0.5$									
										$0.XX \pm 0.25$									
										$0.XXX \pm 0.10$									
										$0^\circ \pm 2^\circ$									
								dr		T. BRUNGARD 10/14/04									
								enrg		M. GRAY 10/14/04									
								chr		M. GRAY 10/14/04									
								appd		M. GRAY 10/14/04									
sheet index		revision sheet												product family		PwrBlade		code	
														size		dwg no		213	
														A		51939-140		sheet 3	

cage code 22506

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Sep 26, 2008



1 | 2

3

4

PRODUCT NUMBER

51939-140--
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

 3. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-140; 51939-140LF PRESPECTIVELY

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

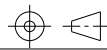
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

10. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH)
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.

11. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

12. CONNECTOR KEEP-OUT ZONE.

13. A  SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com				
ltr		ecn no.		dr		date		linear	0.X ±0.5				COPY				title 9P + 24S RIGHT ANGLE SOLDER HEADER							
E									0.XX ±0.25				projection											
									0.XXX ±0.10															
								angles	0° ±2°								product family PwrBlade				code			
								dr	T. BRUNGARD 10/14/04				MM				size		dwg no		213			
								enrg	M. GRAY 10/14/04				scale				A		51939-140		sheet			
								chr	M. GRAY 10/14/04				1:1								4			
								appd	M. GRAY 10/14/04															
sheet index		revision sheet																						

1 | 2

Pro/E

PDM: Rev:E

STATUS: Released

Printed: Sep 26, 2008